



INTERSTATE BRICK DIVISION

GENERAL OFFICES & PLANT
9210 South 5200 West
West Jordan, Utah 84084
P.O. Box 517
Phone (801) 561-1471

SUGARHOUSE SALES AND WAREHOUSE
3100 South 1100 East
Salt Lake City, Utah
Phone (801) 561-1471 487-9901

April 4, 1977

State of Utah
Dept. of Natural Resources
Div. of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Please find enclosed the following documents:

- (1) Addendum to Reclamation Plan for Big Cottonwood.
- (2) Addendum to Reclamation Plan for Henefer.
- (3) Addendum to Reclamation Plan for Smokey Joe.
- (4) Notice of Intent and map for Black.
- (5) Notice of Intent and map for Jim Gay.
- (6) Notice of Intent and map for Powell.
- (7) Notice of Intent and map for Five Mile.

We would like to establish surety on each of our clay properties by signing a Reclamation Contract with the State. Please advise.

Yours very truly,

Harvey P. Cahoon
Harvey P. Cahoon
Assistant General Manager

HPC/cw

Enclosures



ADDENDUM MR FORM 1 AND MR FORM 2
INTERSTATE BRICK

SMOKEY JOE
April 4, 1977

I T E M:

MR FORM 1

- 13 (Page 2) During the life of this operation as areas are deleted of clay, they will be reclaimed. Maximum disturbed unreclaimed area will be 25 acres at any one time.

MR FORM 2

TESTING (Page 2)

1. Based on experience at this pit local fill material is suitable for plant support. Samples of proposed growth mediums will be submitted to Utah State University for a basic fertility test.
2. Fertilizer will be used, if necessary, to establish vegetation.

REVEGETATION

3. Grass mixture will be:

1 part yellow sweet clover
4 Parts Intermediate wheat grass
1 Part Indian Rice grass
2 Parts Russian or Great Basin - Wild Rye

Planting will be done in the fall.

4. Areas is subjected to only light wild life or livestock grazing.
6. If initial seeding does not become established, area will be reseeded.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
BOARD OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

File Copy

JAN 10 1977

MINED LANDS RECLAMATION CONTRACT

THIS CONTRACT, made and entered into this 23rd day of August, 1977, between Entrada Industries, Interstate Brick Div. a corporation duly authorized and existing under and by virtue of the laws of Utah as party of the first part, and hereinafter called the Operator, and the Board of Oil, Gas, and Mining, duly authorized and existing by virtue of the laws of the State of Utah, as party of the second part hereinafter called the Board.

WITNESSETH:

WHEREAS, the Operator is the owner and in possession of certain mining claims and/or leases hereinafter more particularly mentioned and described in Exhibit "A" attached hereto.

WHEREAS, the Operator did on the 28th day of January 1977, file with the Division of Oil, Gas, and Mining, a "Notice of Intention to Commence Mining Operations" and a "Mining and Reclamation Plan" to secure authorization to engage, or continue to engage, in mining operations in the State of Utah, under the terms and provisions of the Mined Land Reclamation Act, Section 40-8, UCA, 1953;

WHEREAS, the Operator is able and willing to reclaim the above mentioned "lands affected" in accordance with the approved mining and reclamation plan, the Mined Land Reclamation Act and the rules and regulations adopted in accordance therewith.

WHEREAS, the Board has considered the factual information and recommendations provided by the staff of the Division of Oil, Gas, and Mining as to the magnitude, type and costs of the approved reclamation activities planned for the land affected.

WHEREAS, the Board is cognizant of the nature, extent, duration of operations, the financial status of the Operator and his capabilities of carrying out the planned work

THEREFORE, for and in consideration of the mutual covenants of the parties by each to the other made and herein to the said parties hereto agree as follows:

1. The Operator promises to reclaim the land affected in accordance with the approved Mining and Reclamation Plan, the Mined Land Reclamation Act, and the Rules and Regulations adopted in accordance therewith.
2. The Board, in lieu of the posting of a bond or other surety, accepts the personal guarantee of the Operator to reclaim the land affected.
3. The Board and Operator both agree that the Operator will not be obligated to expend a sum in excess of that required to complete the reclamation work contained in the Mining and Reclamation Plan which was designed for the mining operation as submitted to the Division on the 28th day of January, 1977, and which has been estimated to cost \$ 19,260.00.

IN WITNESS WHEREOF, the parties of the first and second parts hereto have respectively set their hands and seals on the 23rd day of August, 19 77.

By: Harold P. Cahoon
Harold P. Cahoon
Vice President & General Manager

ATTEST:

Secretary

BOARD OF OIL, GAS, AND MINING

By: Daniel Stewart
Chairman

I, DANIEL STEWART

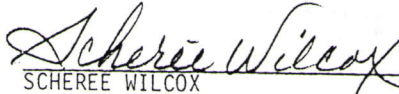
Note: If the Operator is a corporation, the agreement should be executed by its duly authorized officer with the seal of the corporation affixed.

ORDER TO SHOW CAUSE
No. ACT-049-002

Mining, to show cause, if any there be, why this plan should not be approved.

DATED this 17th day of May, 1977.

STATE OF UTAH
BOARD OF OIL, GAS, AND MINING

A handwritten signature in cursive script, reading "Scheree Wilcox", is written over a horizontal line.

SCHEREE WILCOX
Secretary of the Board

BEFORE THE BOARD OF , GAS, D MINING
DEPARTMENT OF JRAL RESOURCES
in and for the STATE OF UTAH

IN THE MATTER OF THE NOTICE OF INTENT
AND RECLAMATION PLAN SUBMITTED BY
INTERSTATE BRICK CORPORATION, SMOKEY
JOE MINE, UTAH COUNTY, UTAH.

ORDER TO SHOW CAUSE
NO. ACT-049-002

THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION, MINERAL AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED IN TOWNSHIP 7 SOUTH, RANGE 1 WEST, SLBM, UTAH COUNTY, UTAH.

Notice is hereby given that tentative approval was given by the Utah Division of Oil, Gas, and Mining, to Interstate Brick Corporation, 9210 South 5200 West, West Jordan, Utah, to continue open pit clay mining on portions of Section 9, Township 7 South, Range 1 West, SLBM, Utah County, Utah. This site is generally located at the mouth of Mercur Canyon on the west slope of the Lake Mountains and approximately 1 1/2 miles north of Soldiers Pass. The name of the mine is the Smokey Joe, and the person representing the company in this matter is Mr. Harvey P. Cahoon, 9210 South, 5200 West, West Jordan, Utah.

Interstate Brick Corporation has fulfilled obligations under the Mined Land Reclamation Act of 1975 (Section 40-8, U.C.A., 1953, as amended), and will employ the following reclamation techniques on 25 acres of unpatented claims.

During Operations:

- 1) Surface soils will be scraped and stockpiled for later use.
- 2) Overburden will be moved into previously mined out areas or piled in locations suitable for later regrading.
- 3) Clay will be ripped with a bulldozer and stockpiled near the pit.
- 4) As areas are mined out they will be graded and seeded.
- 5) All mining will be conducted in a safe and orderly manner.

After Operations:

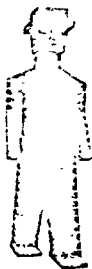
- 1) All debris, scrap and lumber will be removed from the site.
- 2) All pit and dump slopes will be rounded and graded to stable slopes of less than 45°.
- 3) Disturbed areas will be scarified and seeded. Fertilizer will be used if necessary.
- 4) Roads other than main through roads will be ripped and seeded.

Reclamation performance surety will be established upon final approval of the reclamation plan.

Any person or agency aggrieved by this tentative decision is hereby requested to submit written protest within 30 days of May 27, 1977, to the Division of Oil, Gas, and Mining, 1588 West North Temple, Salt Lake City, Utah, 84116, setting forth factual reasons for his complaint and thereafter, at a time and place heretofore established, appear before the Board of Oil, Gas, and



Entrada Industries



INTERSTATE BRICK DIVISION

GENERAL OFFICES & PLANT

5210 South 5200 West
West Jordan, Utah 84084
P.O. Box 517
Phone (801) 561-1471

SUGARHOUSE SALES AND WAREHOUSE

3100 South 1100 East
Salt Lake City, Utah
Phone (801) 561-1471 487-9901

April 4, 1977

State of Utah
Dept. of Natural Resources
Div. of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

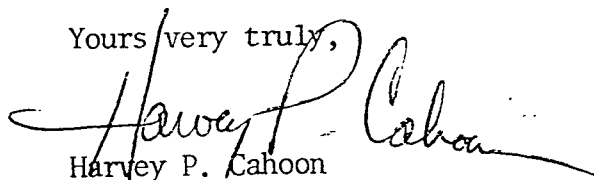
Gentlemen:

Please find enclosed the following documents:

- (1) Addendum to Reclamation Plan for Big Cottonwood.
- (2) Addendum to Reclamation Plan for Henefer.
- (3) ~~Addendum to Reclamation Plan for Smokey Joe.~~
- (4) Notice of Intent and map for Black.
- (5) Notice of Intent and map for Jim Gay.
- (6) Notice of Intent and map for Powell.
- (7) Notice of Intent and map for Five Mile.

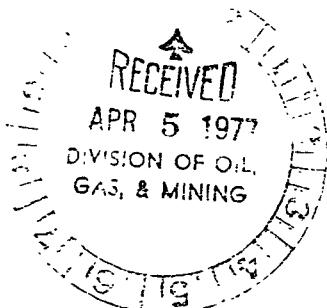
We would like to establish surety on each of our clay properties by signing a Reclamation Contract with the State. Please advise.

Yours very truly,


Harvey P. Cahoon
Assistant General Manager

HPC/cw

Enclosures



ADDENDUM MR FORM 1 AND MR FORM 2
INTERSTATE BRICK

SMOKEY JOE

April 4, 1977

I T E M:

MR FORM 1

- 13 (Page 2) During the life of this operation as areas are deleted of clay, they will be reclaimed. Maximum disturbed unreclaimed area will be 25 acres at any one time.

MR FORM 2

TESTING (Page 2)

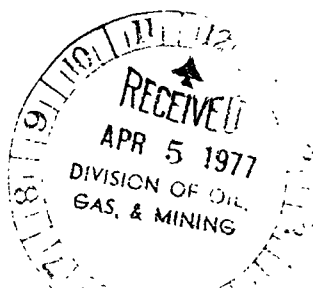
1. Based on experience at this pit local fill material is suitable for plant support. Samples of proposed growth mediums will be submitted to Utah State University for a basic fertility test.
2. Fertilizer will be used, if necessary, to establish vegetation.

REVEGETATION

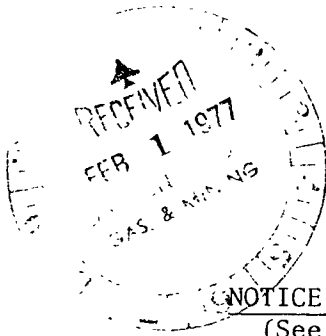
3. Grass mixture will be:
 - 1 part yellow sweet clover
 - 4 Parts Intermediate wheat grass
 - 1 Part Indian Rice grass
 - 2 Parts Russian or Great Basin - Wild Rye

Planting will be done in the fall.

4. Areas is subjected to only light wild life or livestock grazing.
6. If initial seeding does not become established, area will be reseeded.



MINING APPLICATION
NO. ACT-049-002
Date 2-1-77



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS
(See Rule M of General Rules and Regulations)

1. Name of Applicant or Company INTERSTATE BRICK
Corporation (☒) Partnership () Individual ()
2. Address 9210 South 5200 West, West Jordan, Utah
Permanent Temporary
3. Name and title of person representing company Harvey P. Cahoon/Ass't. General Mgr.
4. Address 9210 South 5200 West, West Jordan, Ut. Office Phone 561-1471
5. Location of Operation Utah Sec. 9 T. 7S R. 1W
County
6. Name of Mine SMOKEY JOE
7. Mineral to be mined: Mining method:

() Coal	() Flagstone	
() Copper	() Gravel	
() Manganese	() Shale	
() Iron Ore	() Uranium	<u>OPEN PIT</u>
() Phosphate	() Gilsonite	
() Potash	() Bituminous Sandstone	
() Fluorspar	() Tungsten	
(<input checked="" type="checkbox"/>) Other (specify) <u>Clay</u>		
8. Have you or any person, partnership or corporation associated with you received an approved Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein?
() Yes (☒) No
If yes, list all approval numbers now under surety:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

9. Owner/Owners of record of the surface area within the land to be affected:

<u>INTERSTATE BRICK</u>	Address <u>9210 South 5200 West, West Jordan, UT.</u>
_____	Address _____
_____	Address _____
_____	Address _____

10. Owner/Owners of record of minerals to be mined:

<u>INTERSTATE BRICK</u>	Address <u>9210 So. 5200 W., West Jordan, Utah</u>
_____	Address _____
_____	Address _____
_____	Address _____

11. Owner/Owners of record of all other minerals within any part of the land affected:

<u>INTERSTATE BRICK</u>	Address <u>9210 So. 5200 W., West Jordan, Utah</u>
_____	Address _____
_____	Address _____

11a. Have the above owners been notified in writing?

() Yes (X) No On going operation for 7 years.

12. Source of Operator's legal right to enter and conduct operations on land to be covered by the Notice Lode and placer claims

13. Approximate acreage to be disturbed: _____ acres

Mining Operation Area: 5 acres +

(include operations, storage, & disposal area)

Appros. 160 acres claimed.

Access Road or Haulageway: 0 acres + use existing

Drainage System: 0 acres =

Total Acres: 5 Acres

14. Give the names and post office addresses of every principal Executive, Officer Partner, (or person performing a similar function) of Applicant:

Name:	Title:	Address:
a. <u>Harold P. Cahoon</u>	<u>President/General Mgr.</u>	<u>9210 So. 5200 West, West Jordan, Utah 84084</u>
b. <u>Harvey P. Cahoon</u>	<u>Assistant General Mgr.</u>	<u>9210 So. 5200 West, West Jordan, Utah 84084</u>
c. _____	_____	_____
d. _____	_____	_____

15. Has Applicant, any subsidiary or affiliate or any person, partnership, association, trust, or corporation controlled by or under common control with Applicant, or any person required to be identified by Item 14, ever had an approval of a Notice of Intention withdrawn or has surety relating thereto ever been forfeited? () Yes (X) No

If yes; explain:

STATE OF UTAH

COUNTY OF SALT LAKE

I, Harvey P. Cahoon, having been duly sworn
depote and attest that all of the representations contained in the foregoing
application are true to the best of my knowledge; that I am authorized to
complete and file this application on behalf of the Applicant and this
application has been executed as required by law.

Signed:

Harvey P. Cahoon
Harvey P. Cahoon

Taken, subscribed and sworn to before me the undersigned authority
in my said county, this 28th day of January, 19 77.

Notary Public

John L. Farnest

My Commission Expires: 12/29/78

MINING APPLICATION
NO. ACT-049-002
Date 2-1-77

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN
(Other forms may be used in lieu of MR 2, provided
they contain the same information)

1. Name of Applicant or Company INTERSTATE BRICK
2. Proposed type of operation Clay Mining
3. (a) Prior Land Use(s) Grazing
(b) Current Land Use(s) Clay Mining
(c) Possible or Prospective Future Land Use(s) Grazing
4. What vegetation exists on the land proposed to be affected _____
Sagebrush, Juniper
(a) Types and Estimated Percent cover or density: _____
50% Sage 2% Juniper
5. What is the range pH of soil before mining? 8.0 pH
Name of Person or Agency and method of determining pH _____
Harvey P. Cahoon
6. Site elevation above sea level 5550 feet
7. In case of coal, oil shale, and bituminous sandstone:
Principal seam(s) and thickness(es) -----
8. Estimated duration of mining operations 50 years
9. Has overburden, waste or rejected materials been classified as acid or
alkali producing? () Yes (x) No
Does the above material being moved have any other characteristics
affecting revegetation? _____
10. Will any underground workings or aquifers be encountered? () Yes (x) No
Describe _____
Is there an active discharge of water from abandoned deep mines on or
crossing the land affected? () Yes (x) No If yes, describe
the quality of water being discharged. _____

11. Describe specifically a detailed procedure for: *See attached sheet and map.*
- (a) The mining sequence
 - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
 - (c) The procedure for site preparation including removing trees and brush.
 - (d) The method for removing and stockpiling topsoil or disturbed materials.
 - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic material.
 - (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

NONE

Describe method for the testing of soil that is intended to support vegetation

NONE

2. Describe any soil treatment employed as an aid to revegetation

NONE

3. Describe surface preparation of areas intended to support vegetation:

Area will be ripped and regraded.

REVEGETATION

1. Revegetation to be completed by:

(x) Operator	() Hydroseeding
() Soil Conservation District	() Aerial Seeding
() Private Contractor	() Conventional or Rangeland Drilling
Name _____	(x) Other (specify) <u>Hand</u>
() Other (specify) _____	

2. Will Mulch be used? *No*

Type _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Grass Mixture	20 lbs.	-----	W	-----

4. Will affected area be subject to livestock or wildlife grazing? (☒) Yes
() No Will vegetation protection be needed? No

5. Will irrigation be used? () Yes (☒) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. _____

I, the undersigned Operator, hereby submit this to be my Reclamation and Mining Plan for the area shown on the attached map. I further understand that the operation will be conducted in accordance with the Mined Land Reclamation Act of 1975, and all rules and regulations currently in effect thereunder.

Signed Harvey P. Cahoon Operator Date Jan. 28, 1977
Harvey P. Cahoon

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 28th day of September, 19 77.

Notary Public [Signature]

My Commission Expires: 12/29/78

DURING OPERATIONS

- 1.) When they are present, surface soils overlying areas to be mined will be stockpiled for later use.
- 2.) Overburden will be deposited in mined out areas or piled in locations suitable for later regrading.
- 3.) Clay will be ripped and stockpiled in designated areas.
- 4.) As areas are mined out, they will be graded and stabilized by planting specified seed.
- 5.) All mining will be done in a safe, orderly, minerlike manner.

FOLLOWING OPERATIONS

- 1.) Areas disturbed will be regraded to stable slopes of less than 45°.
- 2.) Areas disturbed will be planted with a specified seed.
- 3.) Surface structures, debris, and scrap will be buried, removed from the site or otherwise permanently disposed of.
- 4.) Roads other than main access roads will be ripped, regraded and planted with a specified seed.